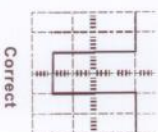
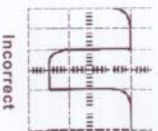


How to Adjust the Probe Compensation

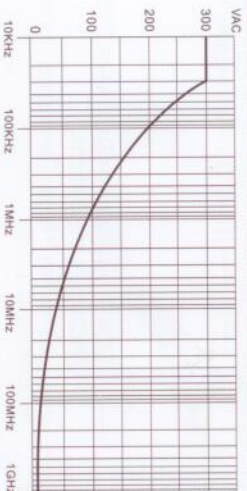
You are suggested to compensate the probe so as to match its characteristics to the oscilloscope. The probes can be adjusted for low-frequency compensation. Low-frequency compensation needs to

Low-frequency compensation

- 1 Connect the probe to the calibration signal output terminal and signal input terminal at the front panel of the oscilloscope.
- 2 Press **Auto** at the front panel of the oscilloscope and a 1 KHz square waveform is displayed on the screen.
- 3 Use the adjustment tool to adjust the low-frequency adjustment hole to obtain the flattest pulse (As shown in the figures below).



Voltage vs Frequency Rating Curve



CAT II: IEC Measurement Category II. Inputs may be connected to mains (up to 300 VAC) under Category II overvoltage conditions.

Equipment protected throughout by DOUBLE INSULATION or REINFORCE INSULATION.

Review this manual carefully to avoid injury and prevent damage to this product or any products connected to it. To avoid potential hazards, use this product only as specified.

The measurement category of a combination of a PROBE ASSEMBLY and an accessory is the lower of the measurement category of a combination of the PROBE ASSEMBLY and of the accessory.

If the PROBE ASSEMBLY is used in a manner not specified by the manufacturer, the protection provided by the PROBE ASSEMBLY may be impaired.

探头参数 (Probe Characteristics)

性能指标 (Technical Specifications)	
带宽	Bandwidth
衰减比	Attenuation Ratio
输入阻抗	Input Resistance
输入电容	Input Capacitance
最大输入	Maximum Input
补偿范围	Compensation Range

一般规格 (General Specifications)

操作环境	Operation Environment
存放环境	Storage Environment
探头尺寸	Cable Length
探头重量	Weight

探头零件清单 (Accessory Kit)

Item	名称描述	Description	Quantity
1	探头	Probe Head	1
2	探头钩	Retractable Hook Tip	1
3	补偿调节棒	Adjustment Tool	1
4	标识环 (黄、粉、浅蓝、深蓝)	Marker Rings (yellow, pink, light blue and dark blue)	8
5	接地鳄鱼夹	Ground Lead	1
6	接地弹簧	Ground Spring	2

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用户手册 User's Guide



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RP3500A 无源示波器探头

RP3500A Passive Oscilloscope